

# Trimethylolpropane flakes



## Description

- Trimethylolpropane (TMP) flakes
- White crystalline material
- Polyhydric alcohol containing three primary hydroxyl groups

## Applications

- Alkyd resins
- Saturated polyesters
- Synthetic lubricants
- Monomers/oligomers for radiation curing
- Pigment coating
- Polyurethanes for coatings and foams

## Delivery forms

- Bags 25 kg (55 lb.), 1000 kg (2205 lb.)/pallet
- Big bags 500 kg (1103 lb.)
- Big bags 1000 kg (only SE)

## Storage

- TMP is hygroscopic and should be handled to prevent moisture absorption.
- Store TMP flakes in its original packaging at low temperatures, preferably below 30°C, to avoid cake formation. Do not exceed 50°C.
- Stacking pallets during storage could increase the risk of caking.

## Sales specification

Hydroxyl number, mg KOH/g <sup>1</sup>	1238-1260*
Melting point (final), °C <sup>2</sup>	Min. 57
Ash content (as sodium), ppm <sup>3</sup>	Max 10
Water content, % <sup>4</sup>	Max 0.05**

\*as OH-percentage, 37.5-38.2 %

\*\*from US max 0.05%, from SE & CN max 0.10%

## Typical properties

Acidity (as formic acid), ppm <sup>5</sup>	5
Colour as fuse, APHA <sup>6</sup>	15

### Analytical Method

<sup>1</sup> PO 100-4, <sup>2</sup> PO 102-2, <sup>3</sup> PO 103-10, <sup>4</sup> PO 109-2 (\*\*as packaged), <sup>5</sup> PO 110-1, <sup>6</sup> PO 105-2

Analytical methods are available on request

CAS no.: 77-99-6

EC (EINECS) no.: 201-074-9

HS no.: 2905 41

Valid from: January 1, 2002/g

Supersedes: : February 1, 2000